

Notice of Allowability

Application No.

10/525,922

Examiner

Naghmeh Mehrpour

Applicant(s)

LEE ET AL.

Art Unit

2617

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/03/06.
2. ☒ The allowed claim(s) is/are 1-4.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☒ Other TD has been approved.

NAGHMEH MEHRPOUR
PRIMARY EXAMINER

DETAILED ACTION

Allowable Subject Matter

1. **Claims 1-4**, are allowed.

The following is an examiner's statement of reasons for allowance:

Regarding **claims 1-2**, the present application teaches a method for controlling routing information for intellectual peripherals (IPs) in a subscriber-based ring-back tone service. The routing information to be routed to IPs corresponding to subscriber telephone number-by-number bases, a subscriber telephone office number-by-number group-by-group bases or a subscriber's major activity area-by-area basis according to a selection. The classified routing information is set and registered (HLR). When the HLR receives a location registration request message from a terminal of an arbitrary subscriber, a corresponding routing information item to be routed to an IP corresponding to the subscriber's terminal among the classified, set and registered routing information is contained within a response message to the location registration message to the location registration request message, and the response message is provided to a terminating mobile switching center (TMSC) as specifically mentioned in claims 1, 2.

The closest art to the present application such as Chavez et al. (US Patent 6,603,844) teaches Transmitting by a public service provider an audio message to the calling party instead normal ring back tones when a call is placed by a calling party to a called party. This audio message is an advertisement that is paid for by a third party. If the calling party wishes more information concerning the advertisement, the calling party indicates this desire either by a spoken command or by actuation of a multi-frequency key on the telephone hand set during the message. If the calling party has indicated a desire to obtain more information with respect to the advertisement, when the call to the called party is completed, the public service provider will automatically connect the calling party to a system that will provide additional information concerning the advertisement. A data terminal placing a data call will receive advertisements in a similar manner.

Chavez fails to teach a method for controlling routing information for intellectual peripherals (IPs) in a subscriber-based ring-back tone service. The routing information to be routed to IPs corresponding to subscriber telephone number-by-number bases, a subscriber telephone office number-by-number group-by-group bases or a subscriber's major activity area-by-area basis according to a selection. The classified routing information is set and registered (HLR). When the HLR receives a location registration request message from a terminal of an arbitrary subscriber, a corresponding routing information item to be routed to an IP corresponding to the subscriber's terminal among the classified, set and registered routing information is contained within a response message to the location registration message to the location registration request

message, and the response message is provided to a terminating mobile switching center (TMSC) as specifically mention in claims 1, 2.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

2. Any responses to this action should be mailed to:

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Naghmeh Mehrpour whose telephone number is 5571-272-791313. The examiner can normally be reached on 8:00 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marsha Banks-Harold be reached (571) 272-7905.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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NM

March 22, 2007



NAGHMEH MEHRPOUH
PRIMARY EXAMINER